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THE UNITED STATES OF AMERICA

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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

June 01, 2004

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A FILING DATE.

APPLICATION NUMBER: 60/458,490

FILING DATE: March 28, 2003

RELATED PCT APPLICATION NUMBER: PCT/US04/09620

By Authority of the
COMMISSIONER OF PATENTS AND TRADEMARKS



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Certifying Officer

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3-31 60458490.032803 prov

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PROVISIONAL APPLICATION COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION under 37 CFR 1.53(c).

DOCKET NUMBER: B01075.70041
Express Mail Label No. EV 208 517 811 US
Date of Deposit: March 28, 2003

INVENTOR(S)/APPLICANT(S)

LAST NAME	FIRST NAME	MIDDLE INITIAL	RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)
Stevens-Wright	Debbie		North Andover, MA

☐ Additional inventors are being named on the separately numbered sheets attached hereto.

TITLE OF THE INVENTION (280 characters max)

ELECTROPHYSIOLOGY CATHETER ALLOWING ADJUSTMENT BETWEEN ELECTRODE AND TISSUE GAP

CORRESPONDENCE ADDRESS

CUSTOMER NUMBER:

23628

ENCLOSED APPLICATION PARTS (check all that apply)

☒ Specification - Number of Pages = 2

☐ Drawing(s) - Number of Sheets

☐ Application Data Sheet, See 37 CFR 1.76

☒ Return receipt postcard

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

☒ No

☐ Yes, the name of the U.S., Government Agency and the Government Contract Number are:

☐ Other:

METHOD OF PAYMENT (check all that apply)

☒ A check is enclosed to cover the Provisional Filing Fees.

☐ The Commissioner is hereby authorized to charge any additional fees or credit overpayment to Deposit Account 23/2825. A duplicate of this sheet is enclosed.

☐ Small Entity Status is claimed.

PROVISIONAL FILING FEE AMOUNT

\$ 160.00

Respectfully submitted,

March 28, 2003
Date

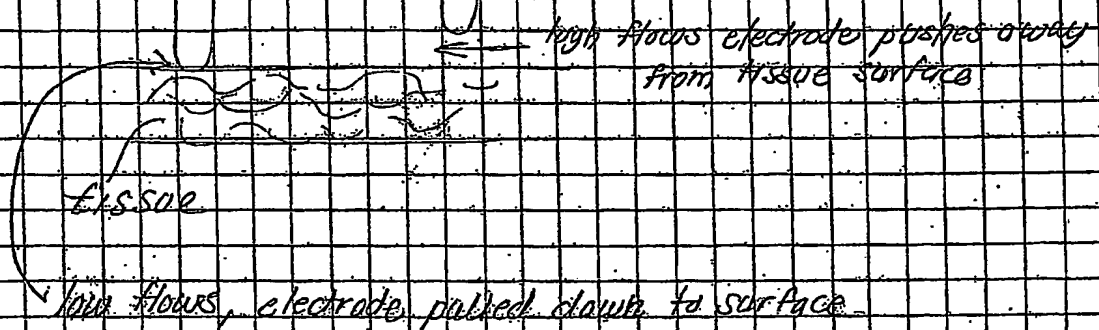
James H. Morris, Reg. No. 34,681
Telephone No.: 617-720-3500

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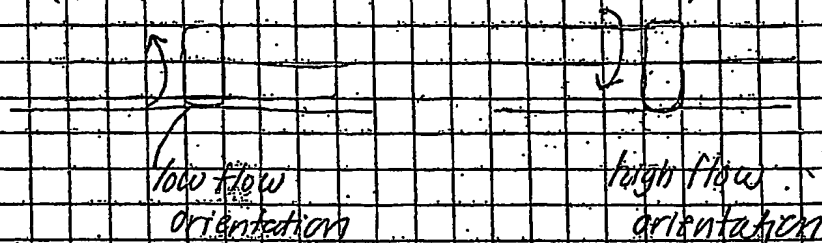
TITLE

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An analysis of a suspended guppy design showed that moving the electrode into the fluid field improved lesion depth at lower higher flows but at lower flows this positioning did not improve lesion depth. It is difficult to make decisions on higher flows; there are in higher flows it would be advantageous to have an offset with an electrode mechanism that allowed the gap between the electrode and tissue to be increased in high flow situations.



Flippable Offset



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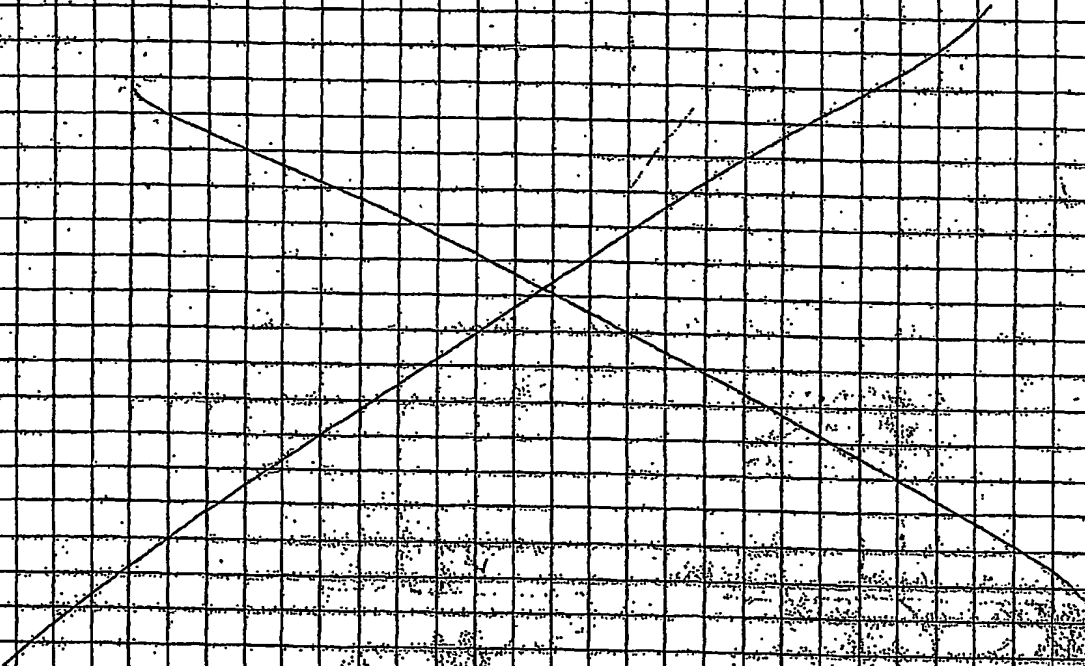
12

TITLE *Catheter - allowing adjustment of tissue/electrode gap to securing leads*

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movable electrode concept, that allows tissue/electrode gap to increase/decrease with movement of electrode



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TITLE

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